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Date of deferred publication of the search report: 16.08.90 Bulletin 90/33 7) Applicant: SMITHKLINE BECKMAN
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- (3) 3-Benzazepine compounds for use in treating gastrointestinal motility disorders.
- The use of a compound of the formula (I):

 R^3 $N-R^1$

drogen or C_1 - C_6 alkyl; and n is 0, 1 or 2; provided R^2 is not hydrogen when R^3 is S-phenyl in the 6-position and provided that when R^2 is hydroxy in the 8-position and R^1 is C_1 - C_6 alkyl, R^3 may be halogen or CF_3 only if it is in the 6-or 9-position.

or a pharmaceutically acceptable acid addition salt thereof, in the manufacture of a medicament for the treatment of gastrointestinal motility disorders is described wherein R¹ is hydrogen, C¹-C₆ alkyl or C³-C₆ alkyl or R⁴O; R³ is halogen, CF₃, C¹-C₆ alkyl, hydroxy, C¹-C₆ alkoxy,. S-(C¹-C₆) alkyl, S-trifluoromethyl, NO₂, SO¬-phenyl where the phenyl is optionally substituted by hydroxy, C¹-C₆ alkoxy, SO¬CF₃, SO¬-phenyl or SO₂NR⁵R⁶; R⁴ is hydrogen, C¹-C₆ alkyl, or C¹-C₆ alkanoyl; R⁵ and R⁶ are hy-

EUROPEAN SEARCH REPORT

EP 88 30 2319

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	DOCUMENTS CONS	DERED TO BE RELEVA	ANT	
Category	Citation of document with of relevant page 1	ndication, where appropriate, assages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)
D,X	US-A-4 265 890 (K. * Column 1, lines 8 1,2,10-13 *		1-13	A 61 K 31/55 C 07 D 223/16
P,X	EP-A-0 216 247 (ME * Column 1, lines 1	RCK & CO. INC.) .0-23; claims 1,2 *	1-13	
P,X	EP-A-0 229 510 (SM * Page 2, lines 1-3 page 5, line 25; cl	88; page 4, line 44 -	1-13	
Х	CH-A- 498 123 (J. * The whole documen		10	
Y	THE WHOTE GOCUMEN		1-9,11- 13	
Y	JOURNAL OF MEDICINA 26, no. 9, Septembe Chemical Society; R al.:	r 1983, American	1-13	
	"6-Chloro-2,3,4,5-t -3-benzazepine: A p	etrahydro-3-methyl-1H otent and selective		TECHNICAL FIELDS SEARCHED (Int. Cl.4)
	antagonist of alpha * The whole documen			A 61 K
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	The present search report has h			
		Date of completion of the search 23-05-1990	ידעמח	Examiner Z DIAZ P.
1116	. HAGUL	~2 03-1330	OKVIA	DIAL F.
X : part Y : part doc	CATEGORY OF CITED DOCUME icularly relevant if taken alone icularly relevant if combined with anument of the same category	E : earlier paten after the filli other D : document ci	nciple underlying the i t document, but publis ng date ted in the application red for other reasons	
A : technological background O : non-written disclosure P : intermediate document			& : member of the same patent family, corresponding document	